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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PE1		
NC	INITIAL RELEASE	06/16/16	P. BRAVO
A	INCORPORATED ECN 05452	07/01/16	P. BRAVO
B	INCORPORATED ECN 05507	08/01/16	P. BRAVO
C	INCORPORATED ECN 05576	10/05/16	P. BRAVO
D	INCORPORATED ECN 05601	11/08/16	P. BRAVO
E	INCORPORATED ECN 06200	04/23/19	P. BRAVO
F	INCORPORATED ECN 06560	12/15/20	FOR J. GARDINER

NOTES:

- 1 IDENTIFY IAW MPP-120
2. DEBURR AND BREAK ALL SHARP EDGES
- 3 MATERIAL: ALUMINUM 7075-T651 IAW AMS 4045 OR AMS-QQ-A-250/12
- 4 FINISH: ANODIZE, PRIME & PAINT IAW MPP-172. SECTION 2.1, SECTION 4.3 & SECTION 5.1 OR 5.2
TOTAL ALLOWABLE THICKNESS: 4-10 MIL
5. ALL DIMENSIONS SHOWN ARE PRIOR TO FINISH
- 6 GEOMETRY CONTROLLED BY 3D MODEL 651.4013

		1	1			10	601.4339	SPACER		ALT (QTY2): MBBN3131N0610			
		1	1	2	2	9	601.4027	BOLT	AN4C16				
1			1			8	651.4013	LOWER BRACKET		 			
		2	2	2	2	7	601.0718	COTTER PIN	MS24665-151	ALT: 601.2640			
		2	2	2	2	6	601.2230	NUT, CASTLE	AN310C4				
		5	5	4	4	5	601.3663	WASHER	NAS1149C0432R				
		1	1			4	601.4028	BOLT	AN4C16				
	1				1	3	651.4012	MOUNT - 25MM					
1	1		1		1	2	651.4011	MOUNT - 22MM					
		1	1	1	1	1	651.4010	BRACKET					
X							651.4006	H145 FIXED ASSY					
	X						651.4005	EC145 FIXED ASSY					
		X					651.4004	H145 REMOVABLE ASSY					
			X				651.4003	H145 BRACKET ASSY					
				X			651.4002	EC145 REMOVABLE ASSY					
					X		651.4001	EC145 BRACKET ASSY					
.4006	.4005	.4004	.4003	.4002	.4001	F/N	PART #	DESCRIPTION	MAT'L	SPEC.			
QTY								PARTS LIST					
NEXT ASSY (\$) 646.4100 651.3400								ORIGINAL DATE (MO-DA-YR) 06/13/16		<div><div><div>DART</div><div>AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div></div> <div>EC145 T2 RESERVOIR MOUNTS</div>			
								DRAWN BY D. MEJIA				CHECKER P. BRAVO	
								DRAWING APPROVAL P. BRAVO 06/13/16					
								CONTRACT No.					
								UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 651.4000	REV. F
									SCALE NONE		SHEET 1 OF 7		

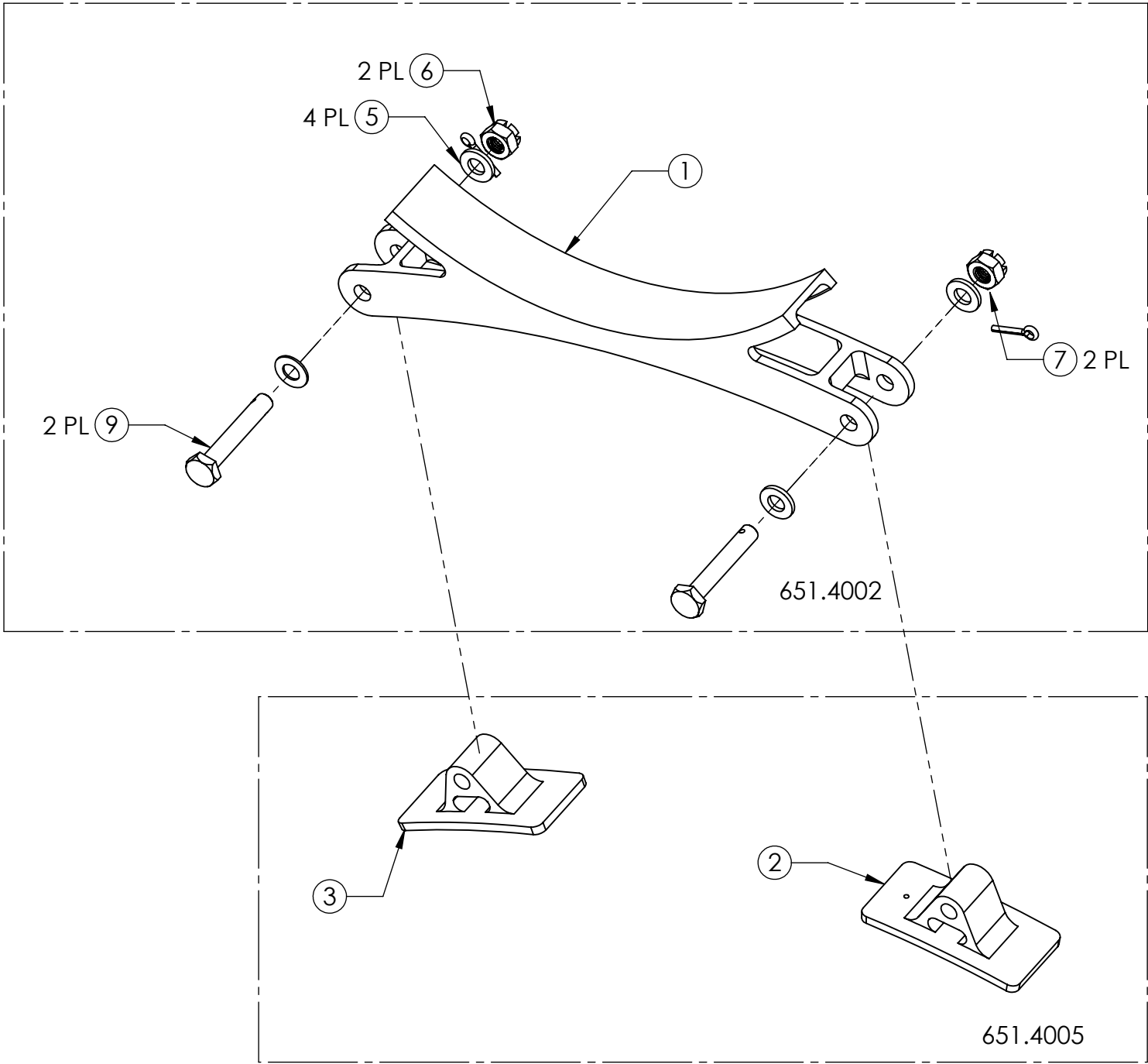
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A

B

C

D



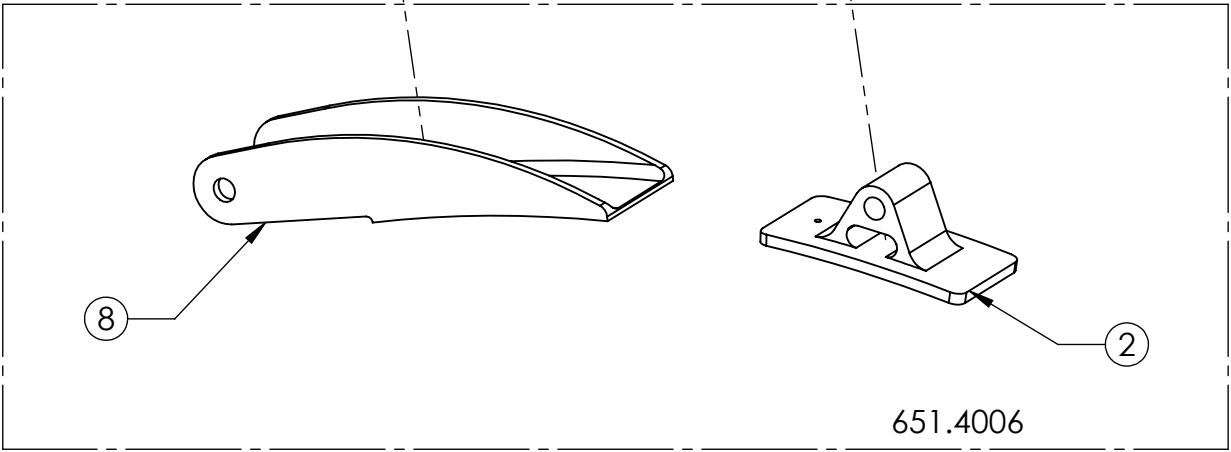
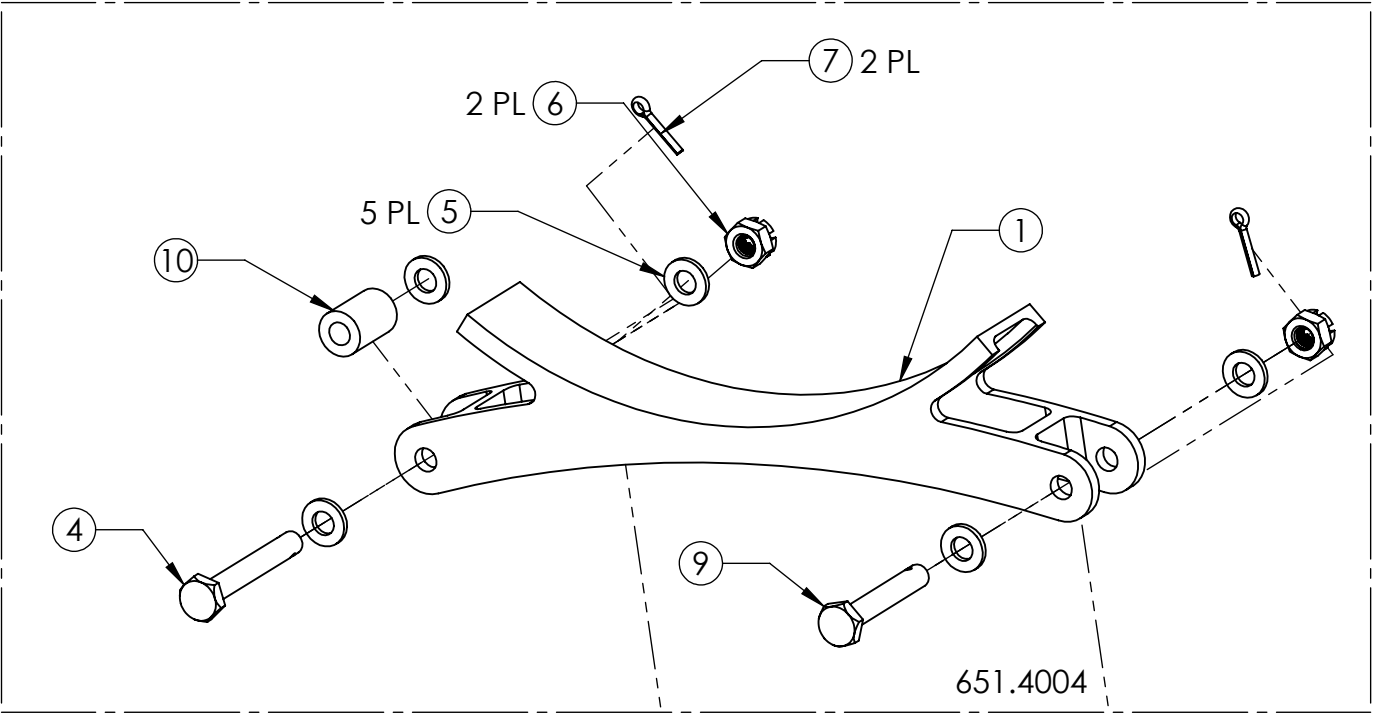
651.4001 EXPLODED VIEW
REMOVE F/N 2 & 3 FOR .4002
ONLY F/N 2 & 3 FOR .4005



651.4001

ORIGINAL DATE (MO-DA-YR) 06/13/16		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY D. MEJIA	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06/13/16		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC145 T2 RESERVOIR MOUNTS	
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		DWG. NO. 651.4000	
		SCALE NONE	SHEET 2 OF 7

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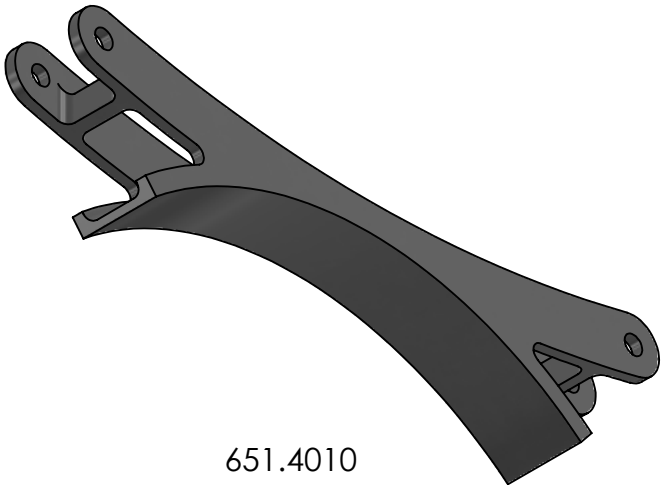
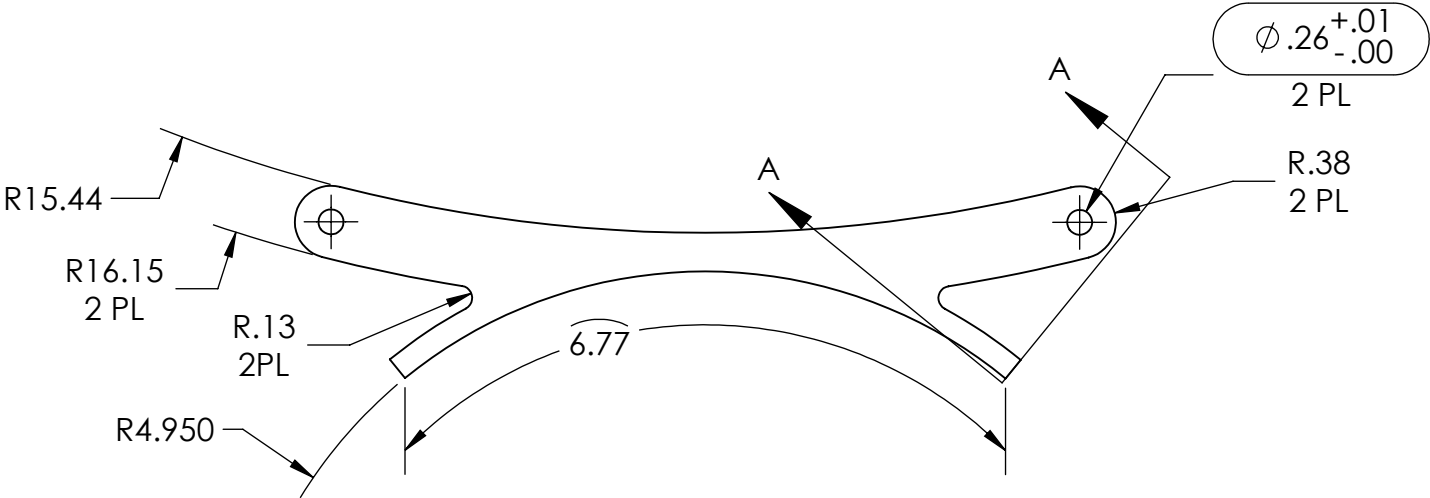
651.4003 EXPLODED VIEW
REMOVE F/N 2 & 8 FOR .4004
ONLY F/N 2 & 8 FOR .4006



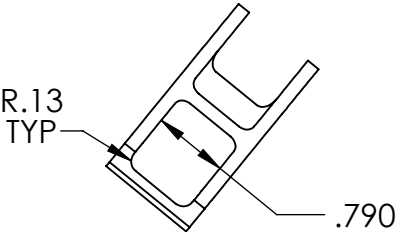
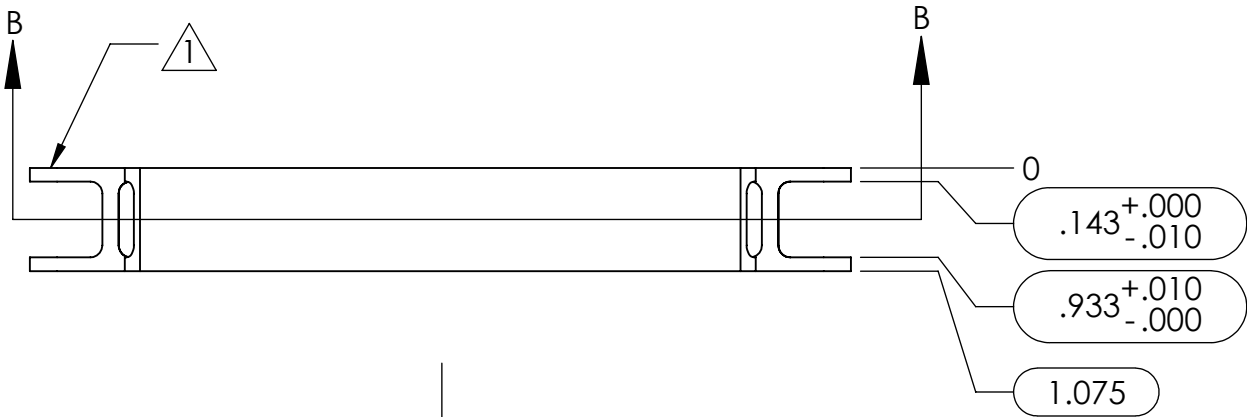
651.4003

ORIGINAL DATE (MO-DA-YR) 06/13/16		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY D. MEJIA	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06/13/16		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC145 T2 RESERVOIR MOUNTS	
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		DWG. NO. 651.4000	
		SCALE NONE	SHEET 3 OF 7

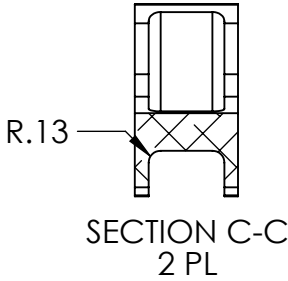
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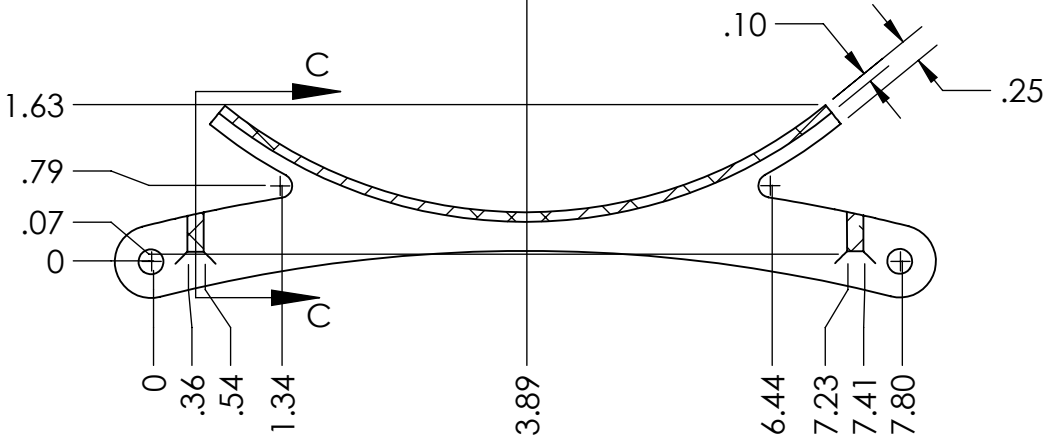
651.4010



SECTION A-A



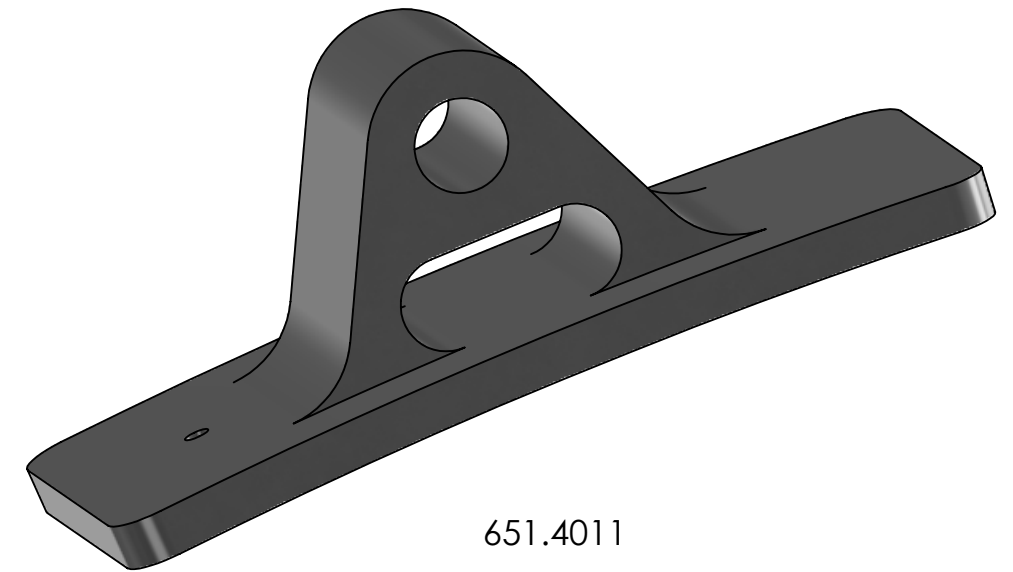
SECTION C-C
2 PL



SECTION B-B


ORIGINAL DATE (MO-DA-YR) 06/13/16		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY D. MEJIA	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06/13/16		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC145 T2 RESERVOIR MOUNTS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. F
		CAGE CODE 07MZ6	DWG. NO. 651.4000
		SCALE NONE	SHEET 4 OF 7

D

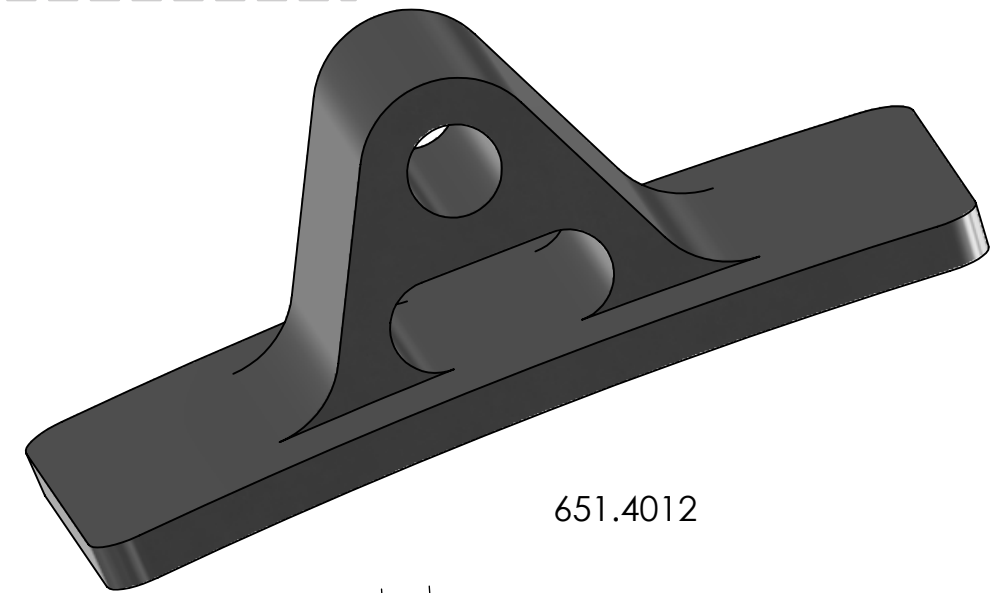


Technical drawing of a mechanical part, likely a bracket or flange, showing dimensions and tolerances. The drawing includes the following features:

- Top Flange:** A horizontal flange with a thickness of $.13$ and a width of $.625$.
- Vertical Plate:** A vertical plate with a thickness of $.25$.
- Angle:** A 3.2° angle is indicated between the top flange and the vertical plate.
- Radius:** A radius of $R15.276$ is shown at the top of the vertical plate.
- Central Hole:** A central hole with a diameter of $\phi .26^{+.01}_{-.00}$ and a tolerance of $.010$ A.
- Bottom Hole:** A bottom hole with a diameter of $\phi .36$.
- Curved Section:** A curved section with a radius of $R.25$ and a thickness of $R.13$ 2 PL.
- Overall Dimensions:** The overall width of the part is $R.25 \pm .03$ 2 PL.

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DRAWN BY D. MEJIA		CHECKER P. BRAVO					
DRAWING APPROVAL P. BRAVO 06/13/16							
CONTRACT No.				EC145 T2 RESERVOIR MOUNTS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.001 3 PLACE DECIMALS ±.005 ANGLES ±.5°				SIZE	CAGE CODE	DWG. NO.	REV.
				B	07MZ6	651.4000	F
				SCALE NONE		SHEET	5 OF 7


D



Technical drawing of a mechanical part, likely a bracket or arm, showing dimensions and tolerances. The part is oriented vertically with a horizontal centerline on the left.

Key dimensions and features:

- Top horizontal dimension: $.13$
- Horizontal distance from centerline to the start of the main body: $.625$
- Horizontal distance from the start of the main body to the center of the circular feature: $.25$
- Vertical distance from the centerline to the center of the circular feature: $.36$
- Radius of the main body: $R15.276$
- Radius of the circular feature: $R.25$
- Radius of the fillet at the bottom: $R.13$
- Material specification: 2 PL
- Dimensional tolerance for the circular feature: $\phi .26^{+.01}_{-.00}$
- Surface texture symbol: $.010\text{ A}$
- Dimensional tolerance for the fillet: $R.25 \pm .03$

ORIGINAL DATE (MO-DA-YR) 06/13/16 DRAWN BY CHECKER D. MEJIA P. BRAVO DRAWING APPROVAL P. BRAVO 06/13/16 CONTRACT NO.	 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE														
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	<h2 style="text-align: center;">EC145 T2 RESERVOIR MOUNTS</h2> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">SIZE</td> <td style="width: 25%;">CAGE CODE</td> <td style="width: 40%;">DWG. NO.</td> <td style="width: 20%;">REV.</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">07M76</td> <td style="text-align: center; font-size: 1.5em;">651.4000</td> <td style="text-align: center;">F</td> </tr> <tr> <td colspan="2" style="text-align: center;">SCALE NONE</td> <td style="text-align: center;">SHEET</td> <td style="text-align: center;">6 OF 7</td> </tr> </table>			SIZE	CAGE CODE	DWG. NO.	REV.	B	07M76	651.4000	F	SCALE NONE		SHEET	6 OF 7
SIZE	CAGE CODE	DWG. NO.	REV.												
B	07M76	651.4000	F												
SCALE NONE		SHEET	6 OF 7												

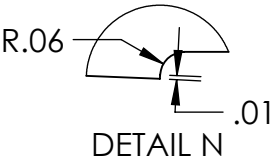
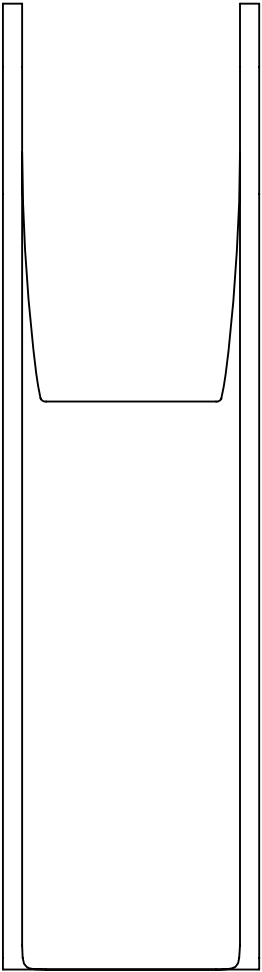
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A

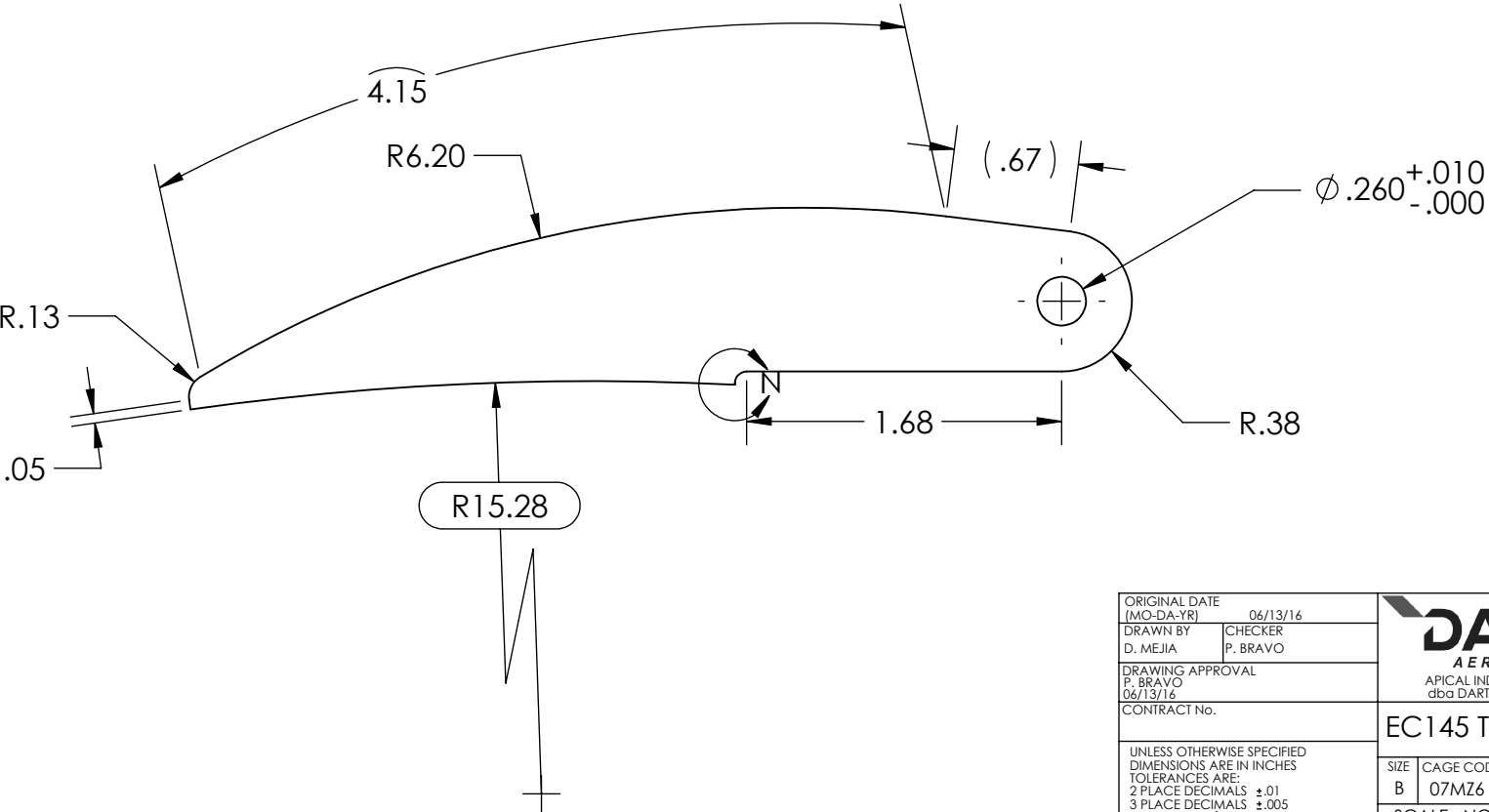
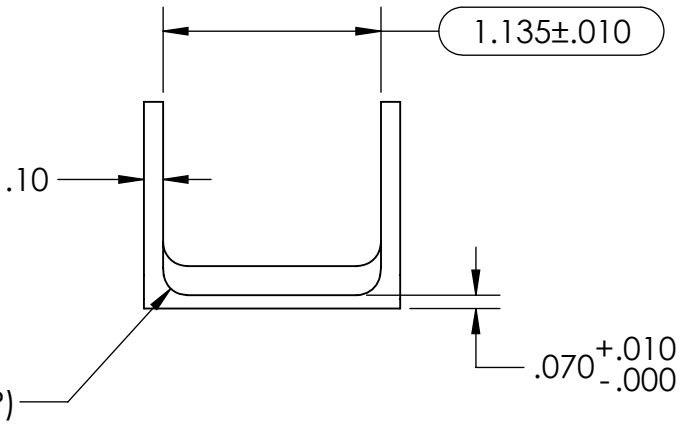
B

C

D



651.4013



ORIGINAL DATE (MO-DA-YR)	06/13/16
DRAWN BY D. MEJIA	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 06/13/16	
CONTRACT No.	

DART
AEROSPACE

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

EC145 T2 RESERVOIR MOUNTS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

SIZE B	CAGE CODE 07MZ6	DWG. NO. 651.4000	REV. F
SCALE	NONE	SHEET	7 OF 7